

Gridfinity Base - Light Magnetic Connectable Parametric



stefanlitter

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Summary

A lightweight gidfinity base inspired by the community. Adds possibility to interconnect baseplates by printable clips.



0.67 hrs



1 pcs



0.10 mm



0.40 mm



PLA



7 g



Prusa MK4

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Tags: [parametric](#) [clip](#) [magnet](#) [magnetic](#) [connector](#)
[baseplate](#) [f3d](#) [gridfinity](#) [gridfinitybaseplate](#)

Some not required material (in my opinion) was removed to decrease printing costs and duration further.

Main features:

- Two magnets for each segment with press fit (6x2mm).
- Minimized material costs, the gridfinity boxes are fixed only by their edges.
- Outside profile for connecting baseplates by provided clips.

Use the parametric f3d for your convenience.
Not familiar with Fusion 360 and need other pre-created .stl-files? Send me a note ;-).

This remix is based on



Gridfinity Magnet Light Baseplate

by RIP_Plo-Koon



Gridfinity - press-fit magnet light baseplates

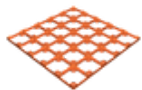
by plomdawg



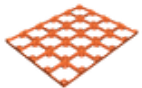
Lighter Gridfinity Magnet Baseplate

by Boblikecheez

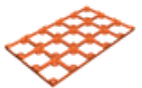
Model files



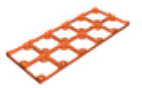
base5x5.stl



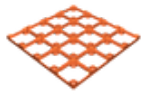
base5x4.stl



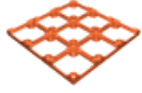
base5x3.stl



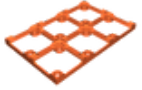
base5x2.stl



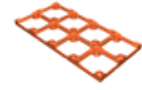
base4x4.stl



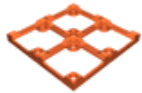
base3x3.stl



base3x2.stl



base2x4.stl



base2x2.stl



clips.stl

☐ Clips for connecting plates.



gridfinitybase_light_magnetic_clippable_param.f3d

☐ Parametric Fusion 360 file.

Print files



clip_04n_01mm_pla_mk4is_40m.gcode

PLA 0.40 mm 0.10 mm 0.67 hrs 7 g Prusa MK4

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